MOTO**NAV**™ TN20/TN30

User's Guide

Bluetooth®

DestinAtor® 8

NAVTEQ ON BOARD

welcome

Your MOTO**NAV**™ TN20/TN30 helps you find the best route with GPS accuracy. Features and benefits include:

- **Hear directions and street names**—Spoken street names and turn-by-turn directions in clear, easy to understand voice, eliminate second-guessing when making a turn. You can feel as confident as you would in your own neighborhood.
- **Save time and gas**—Get there quickly and avoid getting lost. Your MOTO**NAV** TN20/TN30 helps you find the best route with GPS accuracy. If you miss your turn, it will show you how to get back on track. Select between fastest and shortest modes, or bypass tolls, if you prefer.
- **Find what you need**—Locate your favorite restaurant, nearest bank, or see what's available along your route. Search over a million businesses and other points of interest to find destinations while in-town or away.
- **Make handsfree calls (TN30 only)**—Connect with your compatible Bluetooth® enabled phone for handsfree calls. It works as a speakerphone, displays caller ID on the screen, and automatically mutes turn-by-turn voice prompts while a call is in progress. Navigation and handsfree calling helps you keep your hands on the wheel, and eyes on the road.

Map View Screen

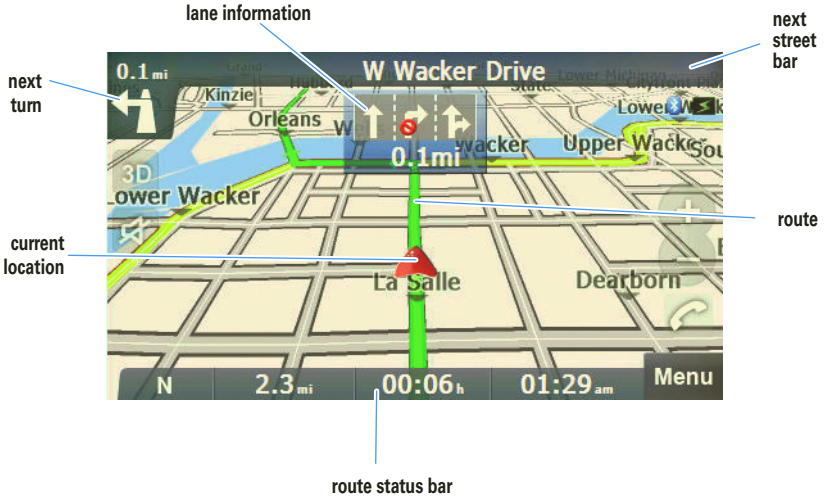
Map Control Icons

Here's a quick guide for using the map view screen icons to control operation.

1		Tap to view a smaller area in more detail.
		Tap to view a larger area in less detail.
2		Tap to display main menu screen.
3		Tap to change map view display (3D or 2D).
4		Tap to adjust/mute/unmute volume.
5		Heading indicator.
6		Current street indicator (if GPS connection). If not, tap to display GPS Information screen.
7		(TN30 only) Tap to make a handsfree call.
8		Battery indicator: Connected to power source / Full / Partial / Low.
9		(TN30 only) Indicates Bluetooth on

Route Screen

Here's a quick guide for using the map view screen to view and control route information.



Tap the **route status bar** to switch between viewing:

- travel distance, time remaining, and estimated time of arrival,
- current street name, or
- current speed and altitude.

Tap the **next street bar** to display route menu to:

- display driving directions,
- view route map overview, or
- cancel route.

Tap the **next turn icon** to repeat audio turn instructions.

The **lane information icon** displays all turns at an intersection.

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Warning: Traffic laws and current traffic conditions must always be observed and take precedence over the instructions issued by the navigation system. The user should be aware of situations where current traffic conditions and the instructions from the navigation system may be in conflict.

The use of the navigation system does not relieve the user of his/her responsibilities. The user is ultimately responsible for the vehicle under his/her control and should be aware of the surroundings at all times. For traffic safety reasons, it is recommended that routes should be planned in a stationary vehicle before starting a trip.

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Laws in some areas prohibit the use of a cellular phone and other devices when driving a motor vehicle. Please use the utmost care in using your devices safely under all circumstances. It is the responsibility of each user to be aware of and abide by any and all local laws and ordinances, which may restrict the use of cellular phones and other devices.

Your local law may prohibit attaching the Navigation Device to the windshield. In such case, attach the mount to the enclosed plastic disk and adhere it securely to a clean, smooth surface of your car. Never position the device in a manner which blocks your view of the road, interferes with the safe operation of the vehicle (e.g. do not place on the steering wheel or in front of an air bag), or could otherwise result in injury to the user. Always obey local laws and restrictions concerning use of such products.

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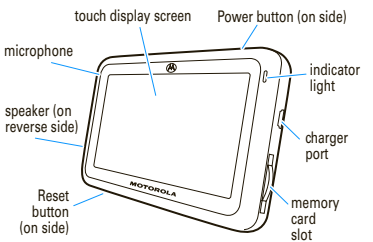
get started

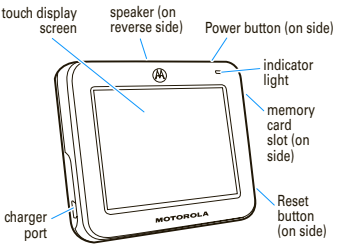
components

Take a moment before you get started to familiarize yourself with the components of your MOTO**NAV** TN30 and TN20.

MOTO**NAV** TN30 components



MOTO**NAV** TN20 components



initial setup

Before you navigate with your TN20/TN30, you need to perform the following initial setup steps:

1 Mount in your vehicle.

2 Apply power using car charger.

3 Turn on and configure initial settings.

4 Find satellite signal to obtain your location.

For details on performing these steps, see the *Quick Start Guide* included in the box.

turn on & off

To turn on your TN20/TN30, press and hold the **Power** button until the display becomes active.

Similarly, to turn off your TN20/TN30, press and hold the **Power** button until the display becomes inactive.

To reset the TN20/TN30, press the **Power** button for 8 seconds, then press **Power** button again to turn on. You can also use a pin to press the **Reset** button when the TN20/TN30 is on.

power & charging

Your TN20/TN30 should be powered using the included car charger. When you disconnect the charger (or turn vehicle ignition off), it prompts you to touch the screen to switch to battery power. If you do not touch the screen, it will turn off after 30 seconds.

Tips:

- If turning off theTN20/TN30 using the **Power** button, it must also be powered on using the **Power** button.
- If the TN20/TN30 turns off after disconnecting the external power source, it turns back on

when external power is restored or if you use **Power** button.

- If the TN20/TN30 is not used for more than 7 days, it enters a power saving mode that requires a **Power** button press to exit.
- When operating on battery power, the indicator light flashes in red when the battery is low.
- Using another charger to charge your TN20/TN30 may not be as effective.
- The included car charger will not power Motorola phones.

map view screen

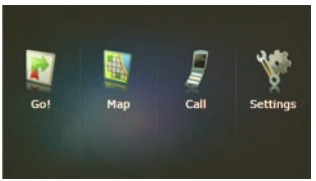
When you turn on your TN20/TN30, you always see the map view screen.

For details on using the map view screen, see pages 2 and 3.

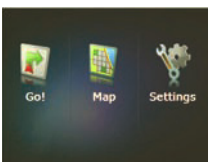
To directly access the map view screen from all other menu screens, tap the **Map** button in lower-right corner.

main menu screen

From the map view screen, tap the **Menu** button to access the main menu screen.



TN30



TN20

From the main menu, you can access all TN20/TN30 operations:

	Lets you create and manage destination routes on your TN20/TN30.
	Displays map view screen with route and map control options.
	(TN30 only) Displays make a call screen.
	Lets you configure TN20/TN30 options.

navigation

To navigate around TN20/TN30 menus and text entry screens, use the right and left arrows at the top:

From a menu screen, you can easily return to the map view screen by tapping **Map** in the lower-right corner.

From the map view screen, tap **Menu** to see the main menu.

create a route

go to an address

To create a route to an address:

From the main menu:

1 Tap **Go!**.

2 Tap **Address**. You see:

Note: To change state of destination, tap **Change** and select new state. See "search and select item" on page 22 for details on searching for a selecting items using the keyboard screen.

3 Tap **Address**.

4 Select destination address (city, street, and address number). See "search and select item" on page 22 for details on searching for and selecting items using the keyboard screen.

Note: To select the center of a city for a destination (instead of a specific address), use the *City Center* selection for the address.

5 Tap **Go** to generate route. A route screen appears.

go to an intersection

To create a route to an intersection:

From the main menu:

1 Tap **Go!**.

2 Tap **Address**. You see:

Note: To change state of destination, tap **Change** and select new state. See "search and select item" on page 22 for details on searching using the keyboard screen.

3 Tap **Intersection**.

4 Select destination intersection (city and streets). See "search and select item" on page 22 for details on searching for and selecting items using the keyboard screen.

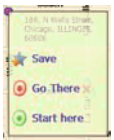
5 Tap **Go** to generate route. A route screen appears.

go to location on map

To create a route to a location on the map:

From the map view screen:

1 Tap destination location on map. You see a pop-up menu:



2 Tap **Go There** from pop-up menu to generate route. A route screen appears.

go to home location

To create a route to your home location:

Note: To set your home location, see "set home location" on page 20.

From the main menu:

1 Tap **Go!**.

2 Tap **Home** to generate route. A route screen appears.

go to recent location

To create a route to a recent location:

From the main menu:

1 Tap **Go!**.

2 Tap **Recent Locations**.

3 Select location from list and tap **OK**.

4 Tap **Go** to generate route. A route screen appears.

go to favorite location

To create a route to a favorite location:

Note: To set a favorite location, see "set favorite location" on page 21.

From the main menu:

1 Tap **Go!**.

2 Tap **My Locations**.

3 Select location from list and tap **OK**.

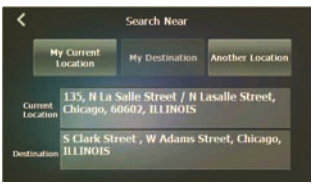
4 Tap **Go** to generate route. A route screen appears.

go to a business or other point of interest

To create a route to your favorite restaurant, nearest gas station, or to see what is available along your route:

1 Tap **Go!**.

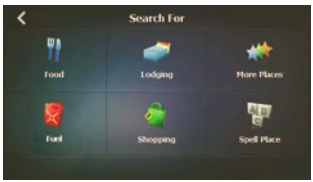
2 Tap **Food, Fuel, Lodging and More**. You see:


Search Near
My Current Location
My Destination
Another Location
Current Location
135, N La Salle Street / N Lasalle Street, Chicago, 60602, ILLINOIS
Destination
S Clark Street , W Adams Street, Chicago, ILLINOIS

3 Select location to search near:

- Tap **My Current Location** to search near your current location.
- Tap **My Destination** to search near your route destination.
- Tap **Another Location** to search near another location. To search for and select a specific location, see "search and select item" on page 22.

Once location is selected, you see:



4 Search for and select a business or other point of interest:

- To search for a business *by category*, tap a category icon (or **More Places** for more categories) to search for and select a business.

- To search for a business *by name*, tap **Spell Place** to search for and select a business.

5 Tap **Go** to generate route. A route screen appears.

manage a route

select route options

To select route type (quickest, shortest), and road types to avoid when generating a route:

From the main menu:

1 Tap **Settings**.

2 Tap **Route**.

3 Tap **Road Settings**. You see:

4 Select desired route type and tap right arrow. You see:

5 Tap road types to avoid and tap **OK**. The route is regenerated and appears on map screen.

create route detour

You can select a detour distance to instruct your TN20/TN30 to calculate an alternate route. For example, if you know there is traffic for the next three miles, you can have your TN20/TN30 calculate a detour that takes you off your current route and then returns you back to that route after a distance of three miles. To do this:

From the route screen:

1 Tap next street bar.

2 Tap **Create Detour**. You see:

3 Tap a detour distance button. The route is regenerated and displayed on map view screen.

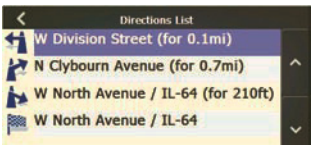
view route directions list

To view a driving directions list:

From the route screen:

1 Tap next street bar.

2 Tap **Directions List**. You see:



3 To view detail about a specific route step, select the step and do the following:

- Select **Turns** to view turn on map. Select **Next**/**Prior** to view next or previous step on map.

- Select **Avoid** to recalculate route to avoid selected step.
- Select **Route** to view overall route on map.

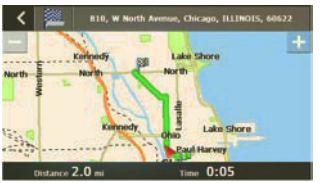
view route map overview

To view a map of the complete route:

From the route screen:

1 Tap next street bar.

2 Tap **Route Overview**. You see:



The distance and estimated time of arrival are displayed at the bottom of the screen.

view route status information

To view route status information from the route screen, tap the route status bar. You can switch between the following details:

- Travel distance, time remaining, and estimated time of arrival

- Current street location

- Current speed and altitude

set home location

To set a home location:

From the main menu:

1 Tap **Settings**.

2 Tap **Home**. You see:

3 Search for and select an address (city, street, and address number) by tapping **Set Address**.

4 Tap **OK**.

set favorite location

To set a favorite location:

From the map view screen:

1 Tap favorite location on map. You see a pop-up menu:

2 Tap **Save** from pop-up menu to save destination under My Locations in Settings.

cancel a route

To cancel a route:

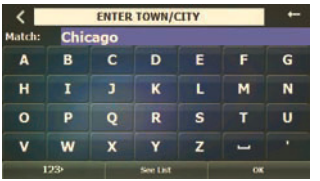
From the route screen:

1 Tap next street bar.

2 Tap **Cancel Route**. The route is removed from the map view screen.

use the keyboard

A keyboard screen is provided to search and select items as well as enter text with your TN20/TN30.



search and select item

To search for and select from a list of items (such as cities or streets), you can:

- Tap **See List** button to select from a complete list of items.
- Using keyboard, begin entering item name. As you select characters, matching items are listed like shown:

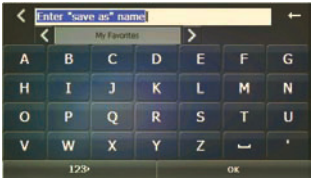
Tap an item to select it then tap **OK** button.

To redisplay keyboard, tap **Show Keyboard** button.

To switch keyboard to display numbers or other characters, tap **123>** button. To redisplay letters, tap **ABC>** button.

text entry

To enter text (such as when saving a location), tap keys to define entry.



Tap **OK** to save entry.

Note: The selector field (displayed below the text entry field) is provided for some text entry tasks. Use this to select which folder to save item (in **My Locations** under Settings).

map display controls

zoom in and out on map

To zoom in to view a smaller area with more detail, tap on map.

To zoom out to view a large area with less detail, tap on map.

select map view

You can choose between two map views by tapping the map view icon:

	3D map view with forward direction at top
	2D map view with forward direction at top

select day/night map mode

To choose between day and night map mode:

Note: To enable automatic day/night mode change, ensure the **Automatic Day/Night Switch** option is selected for map display options. See "select map display options" on page 25 for details on viewing/changing map display options.

From the main menu:

1 Tap **Settings**.

2 Tap **Night View** or **Day View**. The map appears in the selected mode.

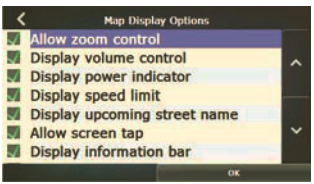
select map display options

To choose the items (buttons, bars, icons) displayed on the map view screen:

From the main menu:

1 Tap **Settings**.

2 Tap **Map**. You see:



3 Tap checkbox to select/unselect map display items.

4 Tap **OK**. The main menu screen appears.

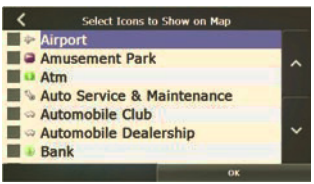
select map display icons

To choose businesses and other icon types to display on the map:

From the main menu:

1 Tap **Settings**.

2 Tap **Map Icons**. You see:



3 Tap checkbox to select/unselect map icon types to display.

4 Tap **OK**. The main menu screen appears.

manage maps

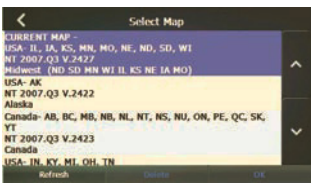
To select to use or delete a map in your TN20/TN30:

Note: Regardless of which map you select, route planning and navigation on major roads is possible across all map regions in the continental United States.

From the main menu:

1 Tap **Settings**.

2 Tap **Select Map**. You see:


Select Map
CURRENT MAP -
USA- IL, IA, KS, MN, MO, NE, ND, SD, WI
NT 2007.Q3 V.2427
Midwest (ND SD MN WI IL KS NE IA MO)
USA- AK
NT 2007.Q3 V.2422
Alaska
Canada- AB, BC, MB, NB, NL, NT, NS, NU, ON, PE, QC, SK, YT
NT 2007.Q3 V.2423
Canada
USA- IN, KY, MI, OH, TN
Refresh
Delete
OK

3 Do one of the following:

- To select a map to use, tap map selection and tap **OK**.
- To refresh map list, tap **Refresh**.
- To permanently delete a map from your TN20/TN30, tap **Delete**.

browse map

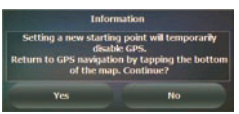
browse from current location

To disconnect GPS and browse map from current location:

From main menu:

1 Tap **Settings**.

2 Tap **Free Map Browsing**. You see:


Information
Setting a new starting point will temporarily disable GPS.
Return to GPS navigation by tapping the bottom of the map. Continue?
Yes
No

3 Tap **Yes** to turn off GPS and place TN20/TN30 in browse map mode. To exit browse mode and turn on GPS, tap bottom bar.

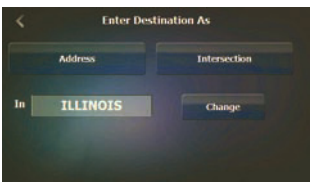
browse from a specific location

To disconnect GPS and browse map from specific location:

From main menu:

1 Tap **Go!**.

2 Tap **Address**. You see:



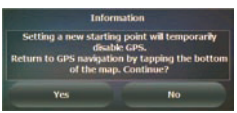
Note: To change state of destination, tap **Change** and select new state. See "search and select item" on page 22 for details on searching for a selecting items using the keyboard screen.

3 Tap **Address**.

4 Select address (city, street, and address number) from which to browse. See "search and select item" on page 22 for details on searching for and selecting items using the keyboard screen.

Note: To select the center of a city for a destination (instead of a specific address), use the *City Center* selection for the address.

5 Tap **Start Point**. You see the following pop-up window:


Information
Setting a new starting point will temporarily disable GPS.
Return to GPS navigation by tapping the bottom of the map. Continue?
Yes
No

6 Tap **Yes** to turn off GPS and place TN20/TN30 in browse map mode. To exit browse mode and turn on GPS, tap bottom bar.

view GPS information

To view current GPS information:

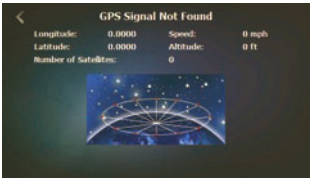
From the main menu:

1 Tap **Settings**.

2 Tap **GPS Info**.

- When you have a GPS connection, you see a screen like shown below:

- When you do not have a GPS connection, you see a screen like shown below.



To obtain a GPS connection, find a location with a clear view of the sky and wait a few minutes to obtain satellite GPS signal. The screen is continuously updated to provide current GPS connection status.

install new maps

To install new maps onto your TN20/TN30, do the following:

1. Insert SD card containing new maps into SD card slot.
2. Press and hold **Power** button for at least 8 seconds to power down your TN20/TN30.
3. Press and hold **Power** button until the display becomes active to turn on your TN20/TN30.

Maps are installed automatically.

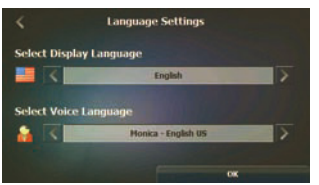
set your language

To select the display and voice language for your TN20/TN30:

From the main menu:

1 Tap **Settings**.

2 Tap **Language**. You see:



3 Tap arrows to select languages for display and voice prompts.

4 Tap **OK**.

set your time zone

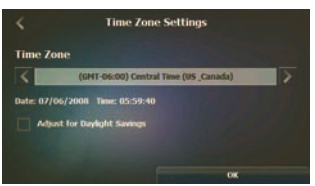
To select the time zone for your TN20/TN30.

Note: Time is automatically set from the GPS signal.

From the main menu:

1 Tap **Settings**.

2 Tap **Time**. You see:



3 Tap arrows to select time zone.

4 To allow TN20/TN30 to adjust for daylight savings, tap **Adjust for Daylight Savings** checkbox.

5 Tap **OK**.

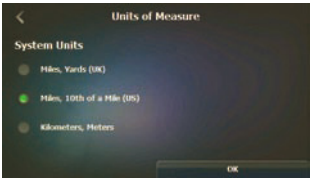
set your units of measure

To select the preferred measurement units for your TN20/TN30:

From the main menu:

1 Tap **Settings**.

2 Tap **Units of Measure**. You see:



3 Tap system units.

4 Tap **OK**.

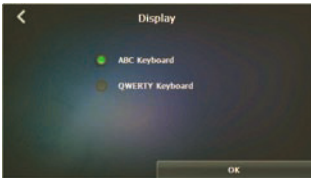
set keyboard type

To change the type of TN20/TN30 keyboard:

From the main menu:

1 Tap **Settings**.

2 Tap **Display**. You see:



3 Tap keyboard type to use.

4 Tap **OK**.

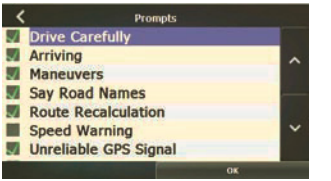
set voice prompts

To enable/display specific TN20/TN30 voice prompts:

From the main menu:

1 Tap **Settings**.

2 Tap **Prompts**. You see:



3 Tap checkbox to select/unselect a voice prompt.

4 Tap **OK**.

connect to your phone for handsfree calls (TN30 only)

From the main menu:

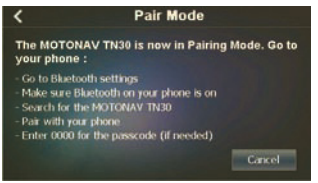
1 Turn off any Bluetooth devices previously paired with your device.

2 Turn on the Bluetooth feature on your Bluetooth phone.

3 Tap **Settings**.

4 Tap **BlueTooth Settings**. You see:

5 Tap **Pair Mode**. You see:


Pair Mode
The MOTONAV TN30 is now in Pairing Mode. Go to your phone :
- Go to Bluetooth settings
- Make sure Bluetooth on your phone is on
- Search for the MOTONAV TN30
- Pair with your phone
- Enter 0000 for the passcode (if needed)
Cancel

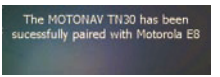
6 Place phone in Bluetooth search mode.

7 Select **MOTONAV TN30** from search results on your phone.

8 Select **OK** or **Yes** to pair your device with your phone.

9 If prompted, enter **0000** for passkey.

When your device successfully pairs and connects with your phone, you see a confirmation message:



After successfully pairing your TN30 and your Bluetooth phone, you don't need to repeat this procedure. For each use, ensure that your device is turned ON and that your phone's Bluetooth feature is ON.

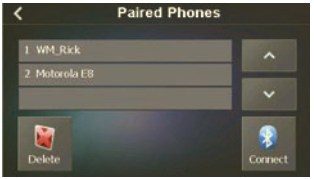
manage paired phone list (TN30 only)

view paired phone list

From the main menu:

1. Turn off any Bluetooth devices previously paired with your device.
2. Turn on the Bluetooth feature on your Bluetooth phone.
3. Tap **Settings**.
4. Tap **BlueTooth Settings**. You see:

5. Tap **Phone List**. You see:



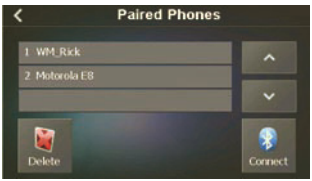
delete paired phone from list

From the main menu:

1. Turn off any Bluetooth devices previously paired with your device.
2. Turn on the Bluetooth feature on your Bluetooth phone.
3. Tap **Settings**.

4 Tap **BlueTooth Settings**. You see:

5 Tap **Phone List**. You see:



6 Tap phone to delete, then tap **Delete**.

7 Tap **Yes** to confirm deletion of phone from the TN30's memory.

connect/disconnect to/from phone from list

From the main menu:

1 Turn off any Bluetooth devices previously paired with your device.

2 Turn on the Bluetooth feature on your Bluetooth phone.

3 Tap **Settings**.

4 Tap **BlueTooth Settings**. You see:

5 Tap **Phone List**. You see:

6 Do one of the following:

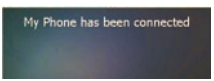
- To connect to a phone, tap phone to connect, then tap **Connect**.
- To disconnect from a connected phone, tap phone to disconnect, then tap **Disconnect**.

handsfree calls (TN30 only)

These features are only available when a handset device (such as your phone) is connected to the MOTO**NAV** TN30 via Bluetooth.

Once your TN30 is paired with your phone (see "connect to your phone for handsfree calls (TN30 only)" on page 32for details on pairing), ensure that your phone is turned ON and that your phone's Bluetooth feature is ON.

When connected, you see a message like shown:



answer a call

To accept an incoming call, tap **Accept**.

reject/ignore a call

To reject/ignore an incoming call, tap **Ignore**.

make a call

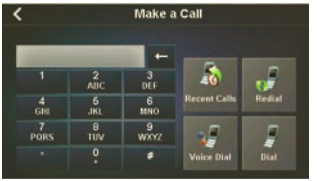
You can place a handsfree call using the MOTO**NAV** TN30 in the following ways:

- Dial a number from the MOTO**NAV** TN30.
- Use handset device's voice commands (if supported by your phone).
- Redial last number.
- Use call history number.
- Dial a number from the handset device.

make a call using dialing

From map view or main menu screen:

1 Tap **Call**. You see:



2 Tap phone number you want to call.

3 Tap **Dial**. You see:

When call is connected, the following appears:

make a call using phone voice commands

From map view or main menu screen:

1 Tap **Call**. You see:

2 Tap **Voice Dial**.

Follow prompts to place call. When call is connected, the following appears:

make a call using redial

From map view or main menu screen:

1 Tap **Call**. You see:

2 Tap **Redial**. You see:

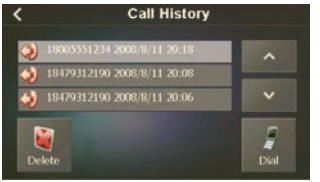
When call is connected, you see the following displayed:

make a call using recent call list

From map view or main menu screen:

1 Tap **Call**. You see:

2 Tap **Recent Calls**. You see:



3 Tap number you want to call, then tap **Dial**. You see:

When call is connected, you see the following displayed:

make a call using phone

You can dial a handsfree call directly from your phone in the normal manner.

mute/unmute a call

While on a call, you can mute/unmute the microphone on your TN30.

- To mute an active call, tap **Mute** on map view screen, or tap **Mute** on In Call screen.

- To unmute an active call, tap **Unmute** on map view screen, or tap **Unmute** on In Call screen.

transfer a call

While on a call, you can transfer the call between your phone and TN30.

- To transfer an active call from your TN30 to your phone, tap **Talk on Phone** on In Call screen.
- To transfer an active call from your phone to your TN30, tap **Talk on TN30** on In Call screen.

end a call

To end an active call, tap **End Call** on map view screen, or tap **End Call** on In Call screen.

display in call screen

While on a call, you can move between the In Call screen and map view screen.

To move from the map view screen to the In Call screen, tap Display Call .

To move from the In Call screen to the map view screen, tap upper left arrow.

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION. READ THIS INFORMATION BEFORE USING YOUR DEVICE.

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries, antennas, and convertible covers, may cause your mobile device to exceed RF energy exposure guidelines and may void your mobile device's warranty. For a list of approved Motorola accessories, visit our Web site at: **www.motorola.com**

Electromagnetic Interference/Compatibility

Note: Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility.

Facilities

Turn off your mobile device in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your mobile device when on board an aircraft. Any use of a mobile device must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Hearing Aids

Some mobile devices may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer or physician to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Batteries & Chargers

Your battery, charger, or mobile device may contain symbols, defined as follows:

Symbol	Definition
	Important safety information follows.
	Do not dispose of your battery or mobile device in a fire.
	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Do not throw your battery or mobile device in the trash.
	Do not let your battery, charger, or mobile device get wet.
	Listening at full volume to music or voice through a headset may damage your hearing.

Use & Safety for Battery-Powered Accessories

- Do not store or use your battery-powered accessory (such as a Bluetooth® headset or other device) in temperatures below -10°C (14°F) or above 60°C (140°F).
- Do not recharge your accessory in temperatures below 0°C (32°F) or above 45°C (113°F).
- Conditions inside a parked car can exceed this range. Do not store your accessory in a parked car.
- Do not store your accessory in direct sunlight.
- Storing your fully charged accessory in high-temperature conditions may permanently reduce the life of the internal battery.
- Battery life may temporarily shorten in low-temperature conditions.

Smart Practices While Driving

Drive Safe, Call Smart

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas. Go to www.motorola.com/callsmart for more information.

Your mobile device lets you communicate by voice and data—almost anywhere, anytime, wherever wireless service is available and safe conditions allow. When driving a car, driving is your first responsibility. If you choose to use your mobile device while driving, remember the following tips:

- **Get to know your Motorola mobile device and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today.

TM

- **Position your mobile device within easy reach.** Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.
- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a "to do" list or going through your address book takes attention away from your primary responsibility—driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.
- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies.*

- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.*
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.*

* Wherever wireless phone service is available.

Industry Canada Notice to Users

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.5.

FCC Notice to Users

The following statement applies to all products that have received FCC approval. Applicable products bear the FCC logo, and/or an FCC ID in the format FCC-ID:xxxxxx on the product label.

Motorola has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. See 47 CFR Sec. 15.19(3).

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Motorola Limited Warranty for the United States and Canada

What Does This Warranty Cover?

Subject to the exclusions contained below, Motorola, Inc. warrants its telephones, pagers, messaging devices, and consumer and professional two-way radios (excluding commercial, government or industrial radios) that operate via Family Radio Service or General Mobile Radio Service, Motorola-branded or certified accessories sold for use with these Products ("Accessories") and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer's exclusive remedy, and applies as follows to new Motorola Products, Accessories and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

Products and Accessories

Products Covered	Length of Coverage
Products and Accessories as defined above, unless otherwise provided for below.	**One (1) year** from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Decorative Accessories and Cases. Decorative covers, bezels, PhoneWrap™ covers and cases.	**Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.
Monaural Headsets. Ear buds and boom headsets that transmit mono sound through a wired connection.	**Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.

Products Covered	Length of Coverage
Consumer and Professional Two-way Radio Accessories.	**Ninety (90) days** from the date of purchase by the first consumer purchaser of the product.
Products and Accessories that are Repaired or Replaced.	**The balance of the original warranty or for ninety (90) days** from the date returned to the consumer, whichever is longer.

Exclusions

Normal wear and tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

Abuse & misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.

Use of non-Motorola Products and Accessories. Defects or damage that result from the use of Non-Motorola branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.

Unauthorized service or modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

Altered products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, or parts, are excluded from coverage.

Communication services. Defects, damages, or the failure of Products, Accessories or Software due to any communication service or signal you may subscribe to or use with the Products Accessories or Software is excluded from coverage.

Software

Products Covered	Length of Coverage
Software. Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	**Ninety (90) days** from the date of purchase.

Exclusions

Software embodied in physical media. No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

Software NOT embodied in physical media. Software that is not embodied in physical media (e.g. software that is downloaded from the Internet), is provided "as is" and without warranty.

Who is Covered?

This warranty extends only to the first consumer purchaser, and is not transferable.

What Will Motorola Do?

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information

USA	**Phones** 1-800-331-6456 **Pagers** 1-800-548-9954 **Two-Way Radios and Messaging Devices** 1-800-353-2729
Canada	**All Products** 1-800-461-4575
TTY	1-888-390-6456

For **Accessories** and **Software**, please call the telephone number designated above for the product with which they are used.

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

What Other Limitations Are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.

Laws in the United States and other countries preserve for Motorola certain exclusive rights for copyrighted Motorola software such as the exclusive rights to reproduce and distribute copies of the Motorola software. Motorola software may only be copied into, used in, and redistributed with, the Products associated with such Motorola software. No other use, including without limitation disassembly of such Motorola software or exercise of the exclusive rights reserved for Motorola, is permitted.

Product Registration

Online Product Registration:

direct.motorola.com/hellomoto/ Motosupport/source/registration.asp

Product registration is an important step toward enjoying your new Motorola product. Registering helps us facilitate warranty service, and permits us to contact you should your product require an update or other service. Registration is for U.S. residents only and is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing a Motorola product.

Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

Caring for the Environment by Recycling

This symbol on a Motorola product means the product should not be disposed of with household waste.

Disposal of your Mobile Device and Accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste. These items should be disposed of in accordance with the national collection and recycling schemes operated by your local or regional authority. Alternatively, you may return unwanted mobile devices and electrical accessories to any Motorola Approved Service Center in your region. Details of Motorola approved national recycling schemes, and further information on Motorola recycling activities can be found at: **www.motorola.com/recycling**

Disposal of your Mobile Device Packaging and User's Guide

Product packaging and user's guides should only be disposed of in accordance with national collection and recycling requirements. Please contact your regional authorities for more details.

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